

ABSTRACT

A high temperature bolt material, characterized in that it is a ferrite steel comprising 8 wt % or more of Cr and having a tempered martensite structure and can be used in a high temperature region of higher than 500°C; and a method for producing the high temperature bolt material which comprises subjecting the above-mentioned steel material to a heat treatment comprising a quenching or normalizing at a temperature of 1000°C or higher and then to a tempering at a temperature of 730°C or higher. The above ferrite steel high temperature bolt material is excellent in characteristics of the resistance to stress relaxation.